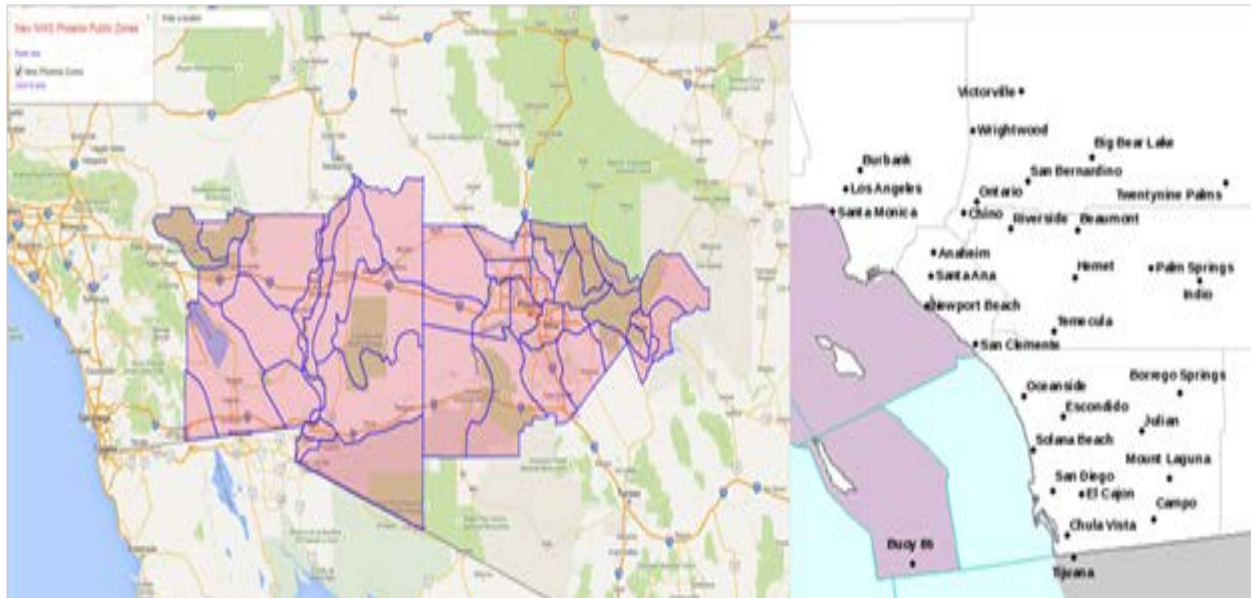


## APPENDIX C

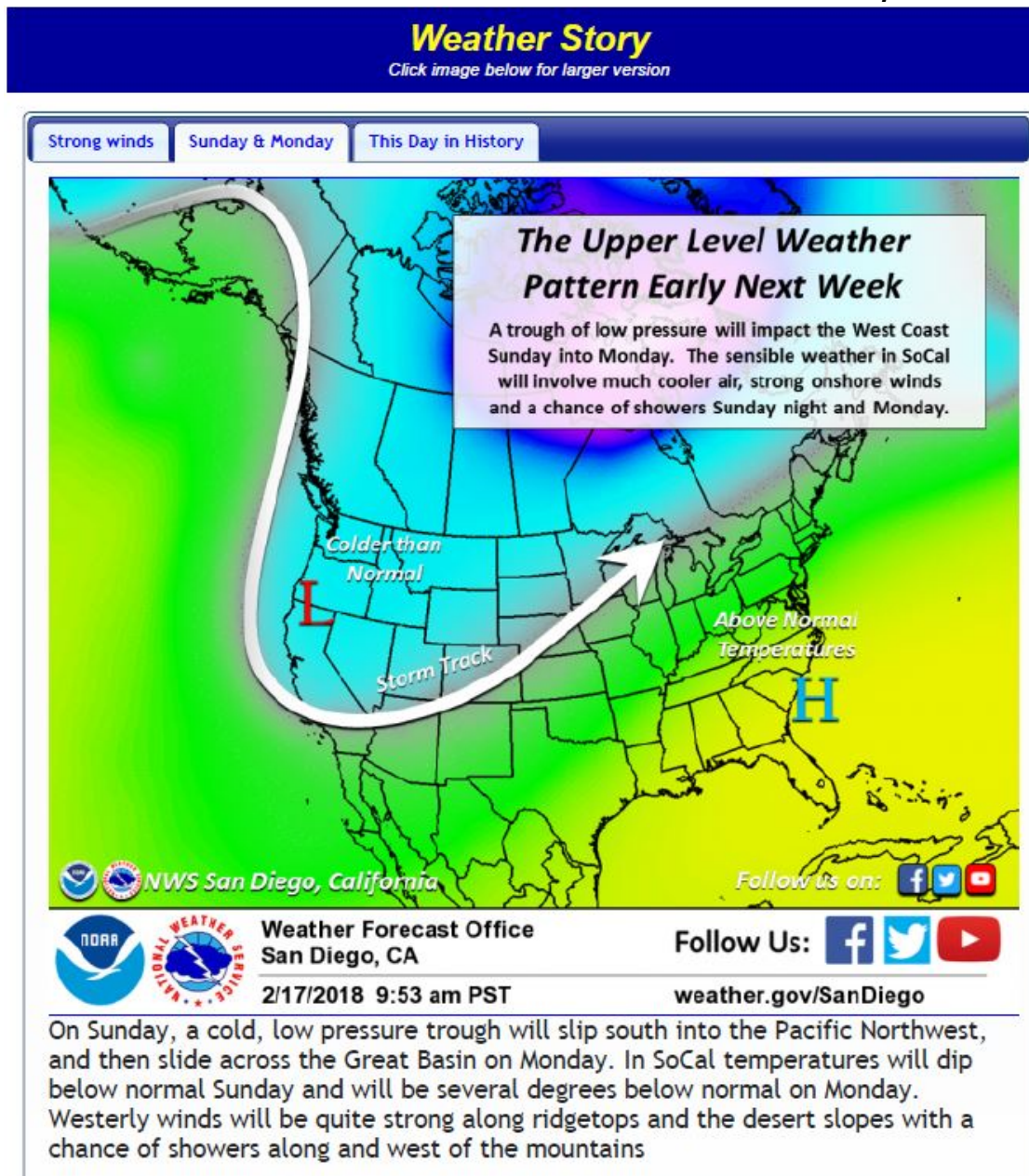
### PUBLIC INFORMATION AND OTHER NOTICES

**FIGURE C-1**  
**NATIONAL WEATHER SERVICE PUBLIC ZONES**



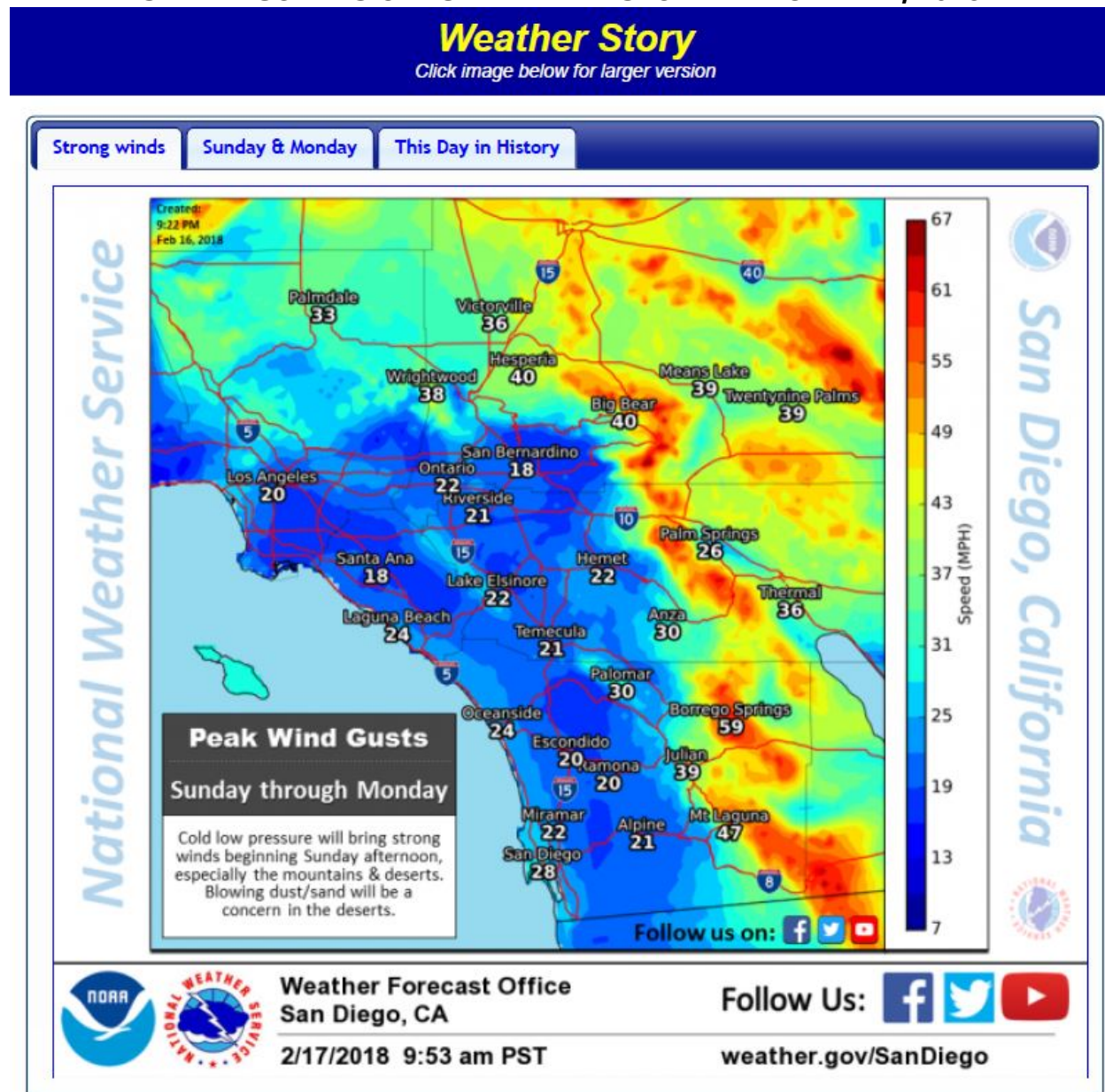
**Fig C-1:** Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

**FIGURE C-2**  
**SAN DIEGO NWS OFFICE WEATHER STORY FEBRUARY 17, 2018**



**Fig C-2:** Illustrates the large low pressure that brought high winds across the region

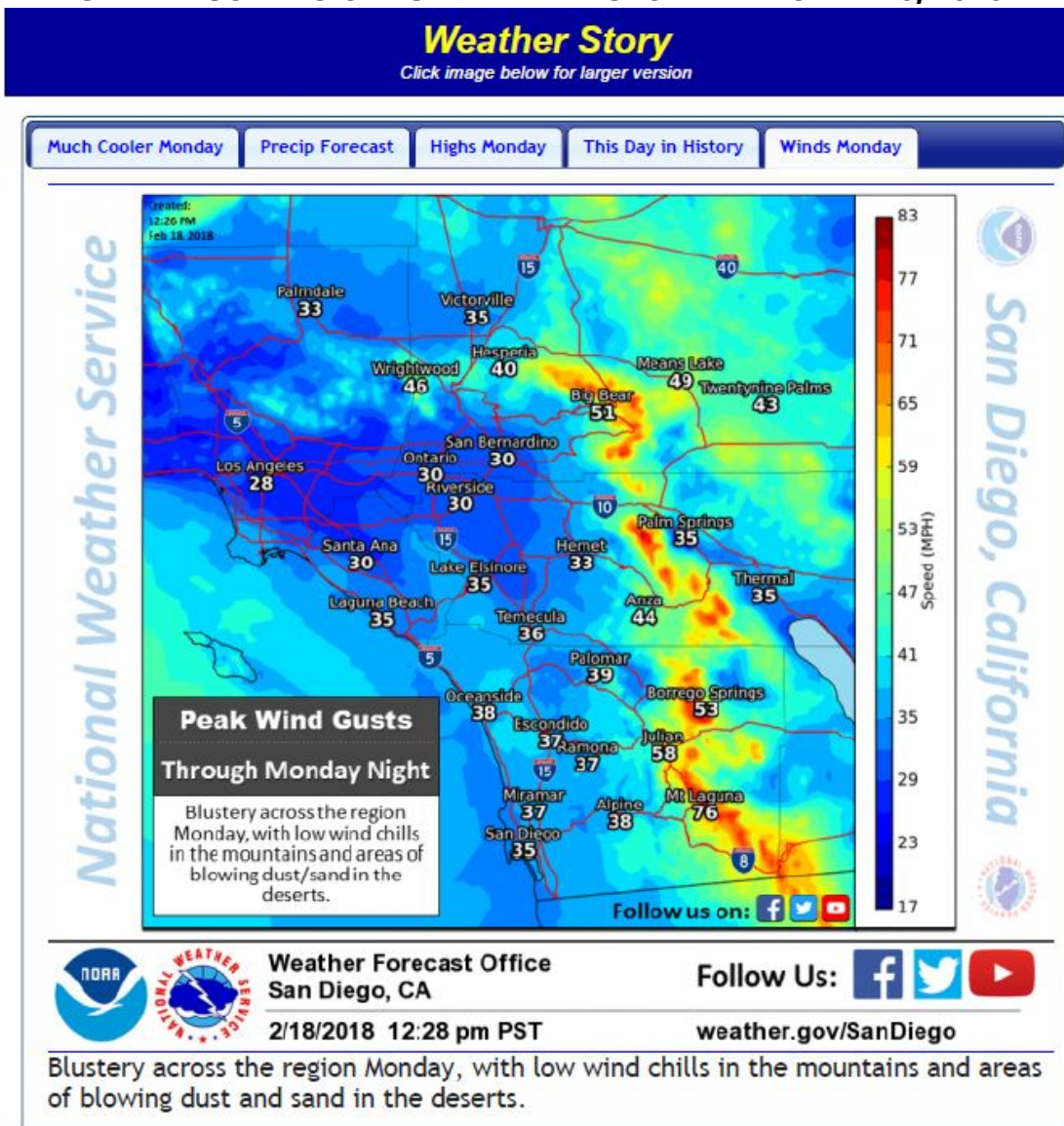
**FIGURE C-3**  
**SAN DIEGO NWS OFFICE WEATHER STORY FEBRUARY 17, 2018**



**Fig C-3:** Illustrates the high winds forecast for the region



**FIGURE C-4**  
**SAN DIEGO NWS OFFICE WEATHER STORY FEBRUARY 18, 2018**



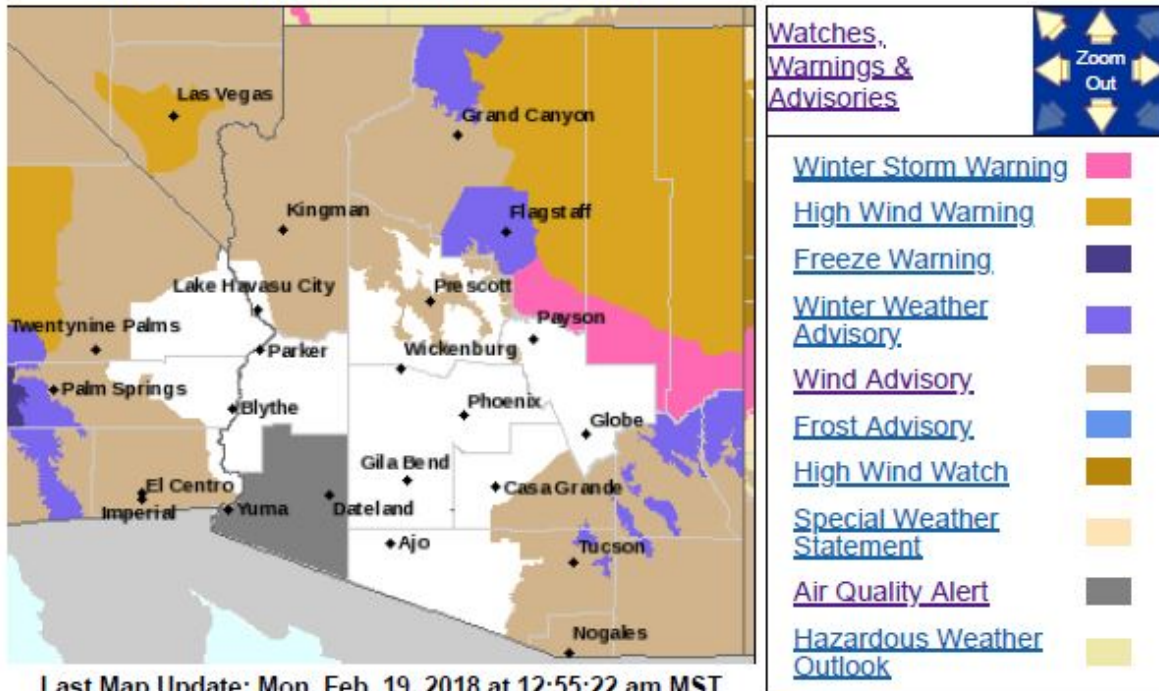
**Fig C-4:** Illustrates the high winds forecast for the region

**FIGURE C-5**  
**PHOENIX NWS OFFICE WEATHER STORY FEBRUARY 19, 2018**  
**NWS Forecast Office Phoenix, AZ**

[Weather.gov](http://Weather.gov) > NWS Phoenix

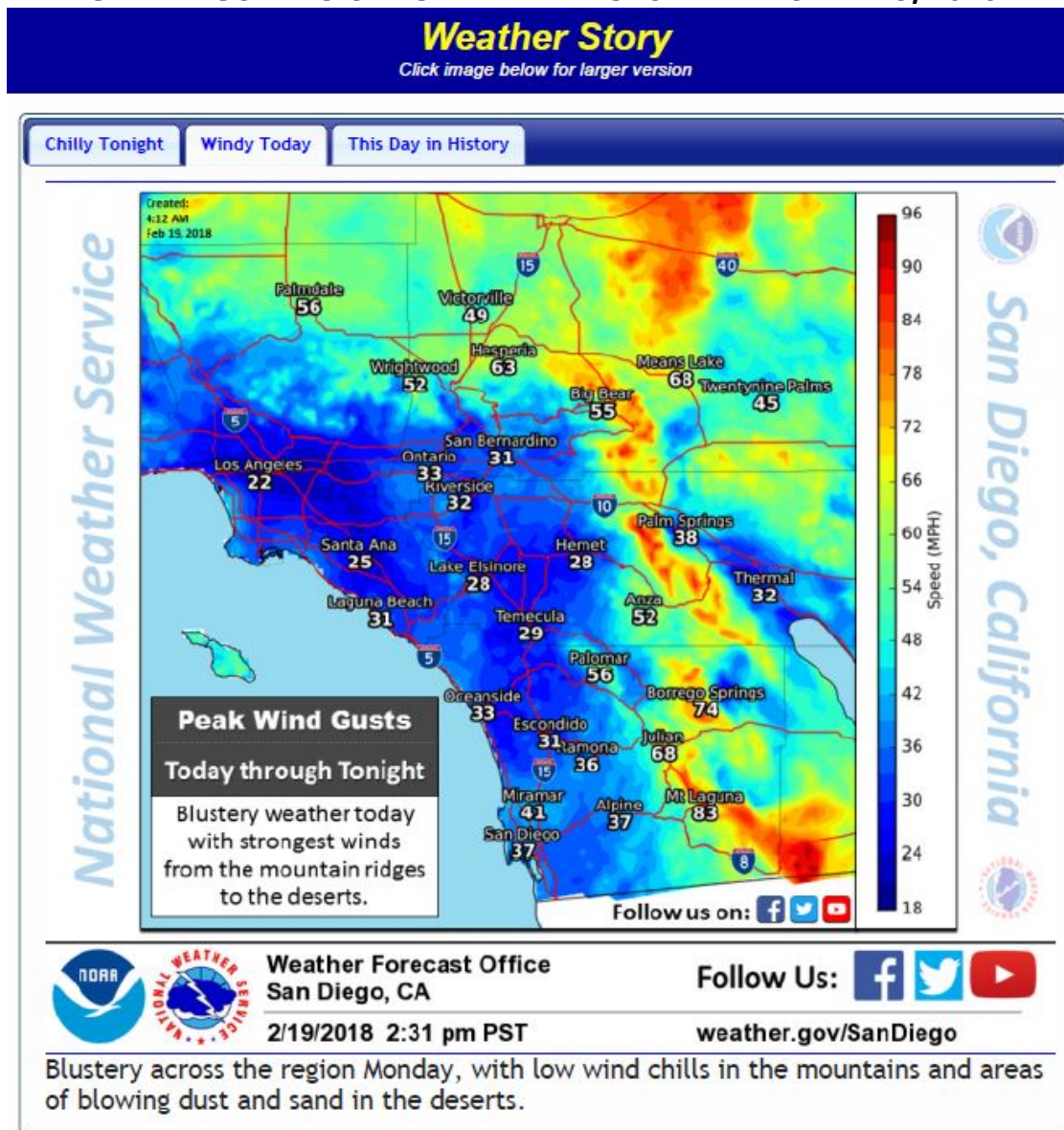
[Current Hazards](#)   [Current Conditions](#)   [Radar](#)   [Forecasts](#)   [Rivers and Lakes](#)   [Climate and Past](#)

Click a location below for detailed forecast.



**Fig C-5:** Illustrates the extent of the wind advisories across the region

**FIGURE C-6**  
**SAN DIEGO NWS OFFICE WEATHER STORY FEBRUARY 19, 2018**



**Fig C-6:** Illustrates the extent of the wind advisories across the region



## FIGURE C-7

### NOAA SMOKE TEXT PRODUCT SATELLITE SERVICES DIVISION

7/10/2019

Smoke Text Product - Satellite Services Division

**Monday, February 19, 2018**

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE IMAGERY  
THROUGH 0202Z February 20, 2018

**SMOKE:**

Southeastern CONUS...

About two dozen fires were observed emitting smoke this afternoon. Most smoke emissions were of thin smoke, but a few were observed emitting moderate to thick smoke as well. The fires emitting the thickest smoke were in southern Mississippi and the Florida panhandle. The smoke across the southeastern CONUS was moving clock-wise around an anti-cyclone off the southeastern coast in the Atlantic.

**DUST:**

Southwestern CONUS...

Blowing dust was observed throughout southern California and southern Arizona. The dust was moving from sources in southern California east-southeastward into southern Arizona.

Hosley

THIS TEXT PRODUCT IS PRIMARILY INTENDED TO DESCRIBE SIGNIFICANT AREAS OF SMOKE ASSOCIATED WITH ACTIVE FIRES AND SMOKE WHICH HAS BECOME DETACHED FROM THE FIRES AND DRIFTED SOME DISTANCE AWAY FROM THE SOURCE FIRE. TYPICALLY OVER THE COURSE OF ONE OR MORE DAYS. AREAS OF BLOWING DUST ARE ALSO DESCRIBED. USERS ARE ENCOURAGED TO VIEW A GRAPHIC DEPICTION OF THESE AND OTHER PLUMES WHICH ARE LESS EXTENSIVE AND STILL ATTACHED TO THE SOURCE FIRE IN VARIOUS GRAPHIC FORMATS ON OUR WEB SITE:

JPEP: <http://www.ospo.noaa.gov/Products/land/hms.html>GIS: <http://www.firedetect.noaa.gov/viewer.htm>KML: <http://www.ssd.noaa.gov/PS/FIRE/kml.html>

ANY QUESTIONS OR COMMENTS REGARDING THIS PRODUCT SHOULD BE SENT TO  
SSDFireTeam@noaa.gov

**Unless otherwise indicated:**

- Areas of smoke are analyzed using GOES-EAST and GOES-WEST Visible satellite imagery.
- Only a general description of areas of smoke or significant smoke plumes will be analyzed.
- A quantitative assessment of the density/amount of particulate or the vertical distribution is not included.
- Widespread cloudiness may prevent the detection of smoke even from significant fires.

<https://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2018/2018B200422.html>

1/1

**Fig C-7:** NOAA's Descriptive Text Narrative for smoke and dust observation from Satellite imagery.  
<https://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2018/2018B200422.html>

**FIGURE C-8**  
**AIR QUALITY INDEX**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

**Fig C-8:** The Air Quality Index AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health affects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health. Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country. Source:

<https://airnow.gov/index.cfm?action=aqibasics.aqi>



## FIGURE C-9 DAILY WEATHER AND AG BURNING INFORMATION

Imperial County Air Pollution Control District  
Daily Weather and Ag. Burning Information

Date: Monday February 19 2018

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	48	S 3	10
8 AM	58	SSE 6	10
9 AM	65	SE 7	10
10 AM	69	SE 8	10
11 AM	74	SE 8	10
NOON	76	SW 7	10
1 PM	78	S 10	10
2 PM	79	S 9	10
3 PM	79	W 16 G30	10
4 PM	76	W 21 G28	10
5 PM	73	W 20 G26	10
6 PM	68	W 13	10
7 PM	69	W 20 G30	10

Max. Temperature yesterday was 79 degrees

Today's Mt. Signal Visibility at 7:30 AM NO NKX 12Z 500 MB Height \_\_\_\_\_  
1Y7 12Z 500 MB Height \_\_\_\_\_

**Forecasts**

**High Today** 64 Local Forecast (Issued 8 AM Local) Computer Forecast (RUC 40KM 12Z)

		9:00AM
Est. Time Mixing Height reaches 3000 feet		
Forecast of Maximum Mixing Height	_____ feet	<u>4,900</u> feet
Forecast for Morning surface winds	<u>W 20-25 G 35</u> mph	<u>W 20-25 G 35</u> mph
Forecast for afternoon surface winds	<u>W 20-25 G 35</u> mph	<u>W 20-25 G 35</u> mph
Forecast for evening surface winds	<u>W 5-15 G 20</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>WNW 21</u> mph	

Comments/Complaints: \_\_\_\_\_

\_\_\_\_\_

Burn Hours \_\_\_\_\_ ARB No Burn Day \_\_\_\_\_ District called No Burn Day YES

Total actually burned today \_\_\_\_\_ acres Crops burned \_\_\_\_\_

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int mc

**Fig C-9:** Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on February 19, 2018

## FIGURE C-10

### IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE

**AFFIDAVIT OF PUBLICATION**  
(2015.5 C.C.P.)

**STATE OF CALIFORNIA**

**County of Imperial**

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk\* of the printer of the


Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

09/09 .

all in the year 2019

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

  
SIGNATURE

Name of Account: I C AIR POLLUTION CONTROL  
Order Number: 11322989  
Ad Number: 31572042

\* Printer, Foreman of the Printer, or Principal Clerk of the Printer  
Date: 10 th day of September, 2019.  
at El Centro, California.

This space is for the County Clerk's Filling Stamp:

**NOTICE OF AVAILABILITY**  
OF THE DEMONSTRATION OF THE OCCURRENCE  
OF THREE EXCEPTIONAL EVENTS (EE)

The Imperial County Air Pollution Control District (Air District) has prepared three Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion of measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a continuous Federal Equivalent Method monitor (FEM) are the three Draft EE's.

<u>January 20, 2018</u> Brawley-163 µg/m <sup>3</sup> ; Calexico -225 µg/m <sup>3</sup>	<u>February 11, 2018</u> Calexico-172 µg/m <sup>3</sup> ;
<u>February 19, 2018</u> Brawley-224 µg/m <sup>3</sup> ; Calexico-182 µg/m <sup>3</sup> ; El Centro-230 µg/m <sup>3</sup> ; Niland-193 µg/m <sup>3</sup>	

The public and all interested parties are encouraged to review and comment on the three Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 24-hour Air District air monitors were affected by transported elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM<sub>10</sub>). Winds, associated with a weather event suspended and transported PM<sub>10</sub> into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The three Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is October 10, 2019 by close of business.

The three Draft EE's for the days listed above are available for download at the Air District website <https://apcd.imperialcounty.org/public-notice/> (under Public Notices; Exceptional Events). To view a hard copy of any of the four Draft EE's, please visit the Air Pollution Control District office at 100 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 285-1800 and ask for Monica N. Soucier.

S9

**Fig C-10:** Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for February 19, 2018. The date for closing comments was October 9, 2019

**FIGURE C-11**  
**IMPERIAL COUNTY COMMENTS REGARDING THE FEBRUARY 19, 2018 EE**  
**DEMONSTRATION**

No Comments Received